

Docket No.: 59516-047

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of	:	Customer Number: 20277
	:	
Xumu ZHANG	:	Confirmation Number:
	:	
Serial No.:	:	Group Art Unit:
	:	
Filed: November 5, 2003	:	Examiner:
	:	
For: ASYMMETRIC REDUCTIVE AMINATION OF KETONES	:	

INFORMATION DISCLOSURE STATEMENT

Mail Stop IDS
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

In accordance with the provisions of 37 C.F.R. 1.56, 1.97 and 1.98, the attention of the Patent and Trademark Office is hereby directed to the documents listed on the attached form PTO-1449. It is respectfully requested that the documents be expressly considered during the prosecution of this application, and that the documents be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

This Information Disclosure Statement is being filed within three months of the U.S. filing date OR before the mailing date of a first Office Action on the merits. No certification or fee is required.

Serial No.:

Please charge any shortage in fees due in connection with the filing of this paper, including extension of time fees, to Deposit Account 500417 and please credit any excess fees to such deposit account.

Respectfully submitted,

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SERIAL NO.

FILING DATE
November 5, 2003

GROUP

(PTO-1449)

U.S. PATENT DOCUMENTS

[illegible]

FOREIGN PATENT DOCUMENTS

EXAMINER'S INITIALS	CITE NO.	Foreign Patent Document Country Codes -Number & -Kind Codes (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines Where Relevant Figures Appear	Translation	
						Yes	No
		WO 01/14299 A1	03/01/2001	THE PENN STATE RESEARCH FOUNDATION			

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)	
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EXAMINER'S INITIALS	CITE NO.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
		Dengming Xiao, et al. "Synthesis of a Novel Chiral Binaphthyl Phospholane and Its Application in the Highly Enantioselective Hydrogenation of Enamides." Organic Letter 1999, Vol 1, No. 10, pp. 1679-1681
		Denming Xiao, et al. " Highly Enantioselective Hydrogenation of Acyclic Imines Catalyzed by Ir-f-Binaphane Complexes**." Communications: Angew. Chem. Int. Ed 2001, 40, No. 18, pp. 3425-3428

DATE CONSIDERED

1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.